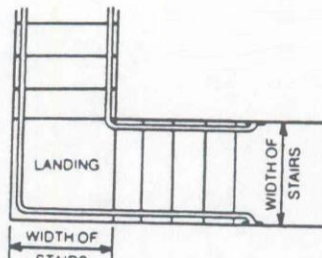
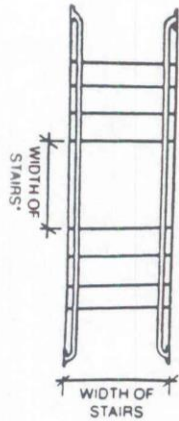




**2013
CA RESIDENTIAL CODE
R311.7**

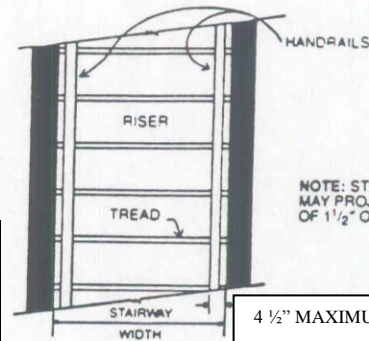
2001 CBC 1003.3.3.3, 1003.3.3.8



WIDTH OF STAIRS:

- (1) 36" FOR OCCUPANT LOAD LESS THAN 50
- (2) 44" MINIMUM FOR OCCUPANT LOADS OF 50 OR MORE OR AS REQUIRED BY SECTION 1009.1 & EXCEPTION: 1

NEED NOT EXCEED 44" IF LANDING OCCURS IN A STRAIGHT RUN OF STAIRS



NOTE: STAIR STRINGER MAY PROJECT A MAXIMUM OF 1 1/2" ON EACH SIDE.

4 1/2" MAXIMUM PROJECTION

2016 CRC R311.7.1

PROJECTIONS INTO STAIRWAY WIDTH

LANDING DIMENSIONS

7 3/4" MAXIMUM RISE

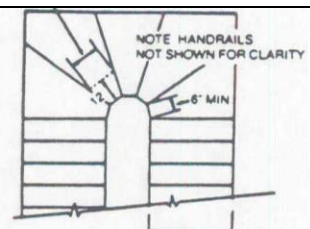
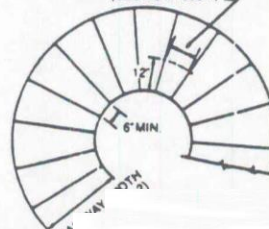
10" MINIMUM RUN

Exception: Private steps lead of less than 10 and stairways to unoccupied roofs may be constructed with 7.75" maximum rise and a 10" minimum run.

(4" MINIMUM RISE)

REQUIRED WIDTH OF RUN SHALL BE PROVIDED IN THIS LOCATION (SECTION 1006.4)

REQUIRED WIDTH OF RUN SHALL BE PROVIDED IN THIS LOCATION (SECTION R311.7.10.1)



Plan View

stairway width (sec. R311.7.10.1)

*note handrails not shown for clarity

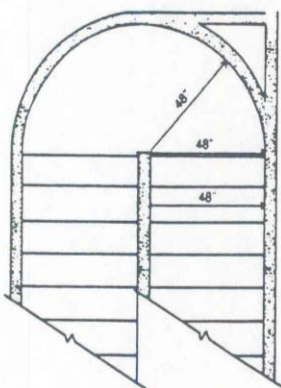
Plan View

Stairway width (sec. R311.7.3)

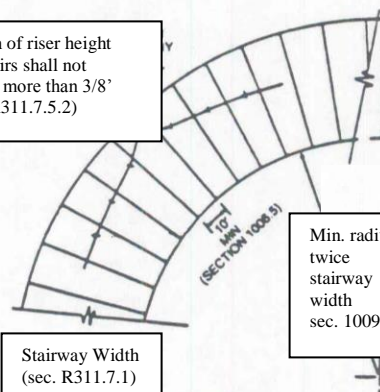
Limitation applies to R3Occupancy and private stairways in R1 occupancy
Winding Stairway **Alternate use of Winders**

RISE AND RUN

The largest tread width of riser height within any flight of stairs shall not exceed the smallest by more than 3/8" (Section R311.7.5.1, R311.7.5.2)



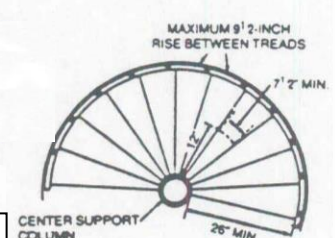
ALTERNATE SHAPE OF LANDING



Stairway Width (sec. R311.7.1)

PLAN VIEW
CIRCULAR STAIRWAY

Min. radius twice stairway width sec. 1009.7



LIMITATIONS:
1. ONLY APPLIES TO R-3 OCCUPANCY AND PRIVATE STAIRWAYS IN R-1 OCCUPANCIES.
2. LIMITED TO SERVING AS EXIT FOR 400 SQUARE FEET MAXIMUM.

PLAN VIEW
SPIRAL STAIRWAY

WINDING STAIRS